

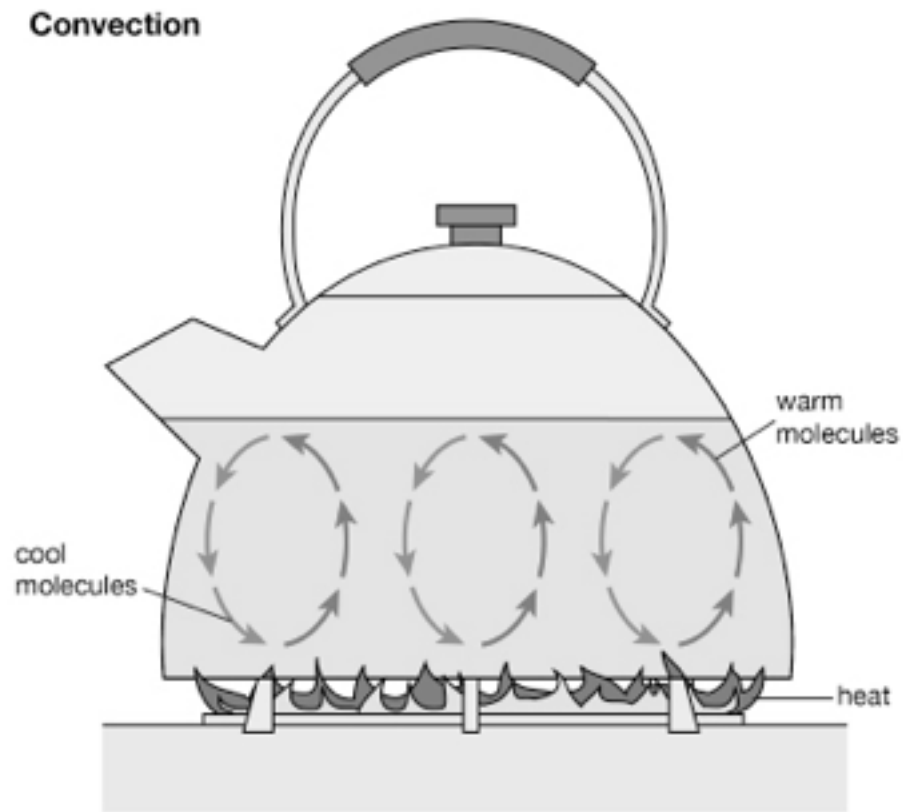
The Transfer of Heat Notes Review

Name: _____ Date: _____

Table: _____ Section: _____

- 1) Describe and give an example of conduction, convection, and radiation.
- 2) How can heat be transferred across empty space?
- 3) In what direction will heat flow between two objects with different temperatures?
- 4) How does a glass of lemonade become cold when you put ice in it?
- 5) What kind of substance conducts thermal energy well? What kind of substance does not conduct thermal energy well?

Performance Task: Boiling water in a kettle



Using the diagram above, explain how the three types of energy transformation occurs when boiling water in the kettle.